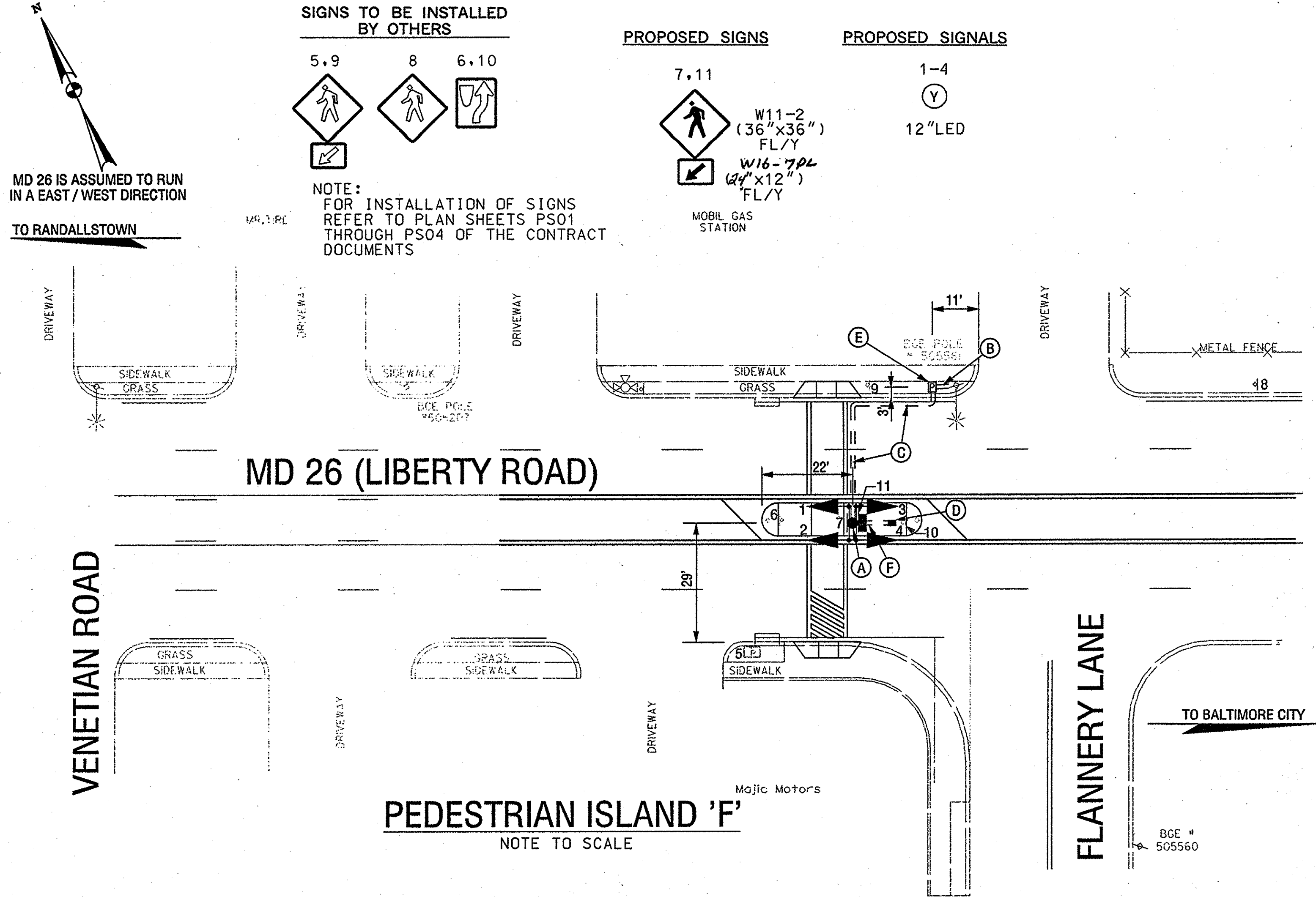


PROJECT DESCRIPTION  
THIS PROJECT INVOLVES THE INSTALLATION OF A HAZARD IDENTIFICATION BEACON IN THE CONCRETE MEDIAN OF MD 26 AT FLANNERY LANE IN BALTIMORE COUNTY.

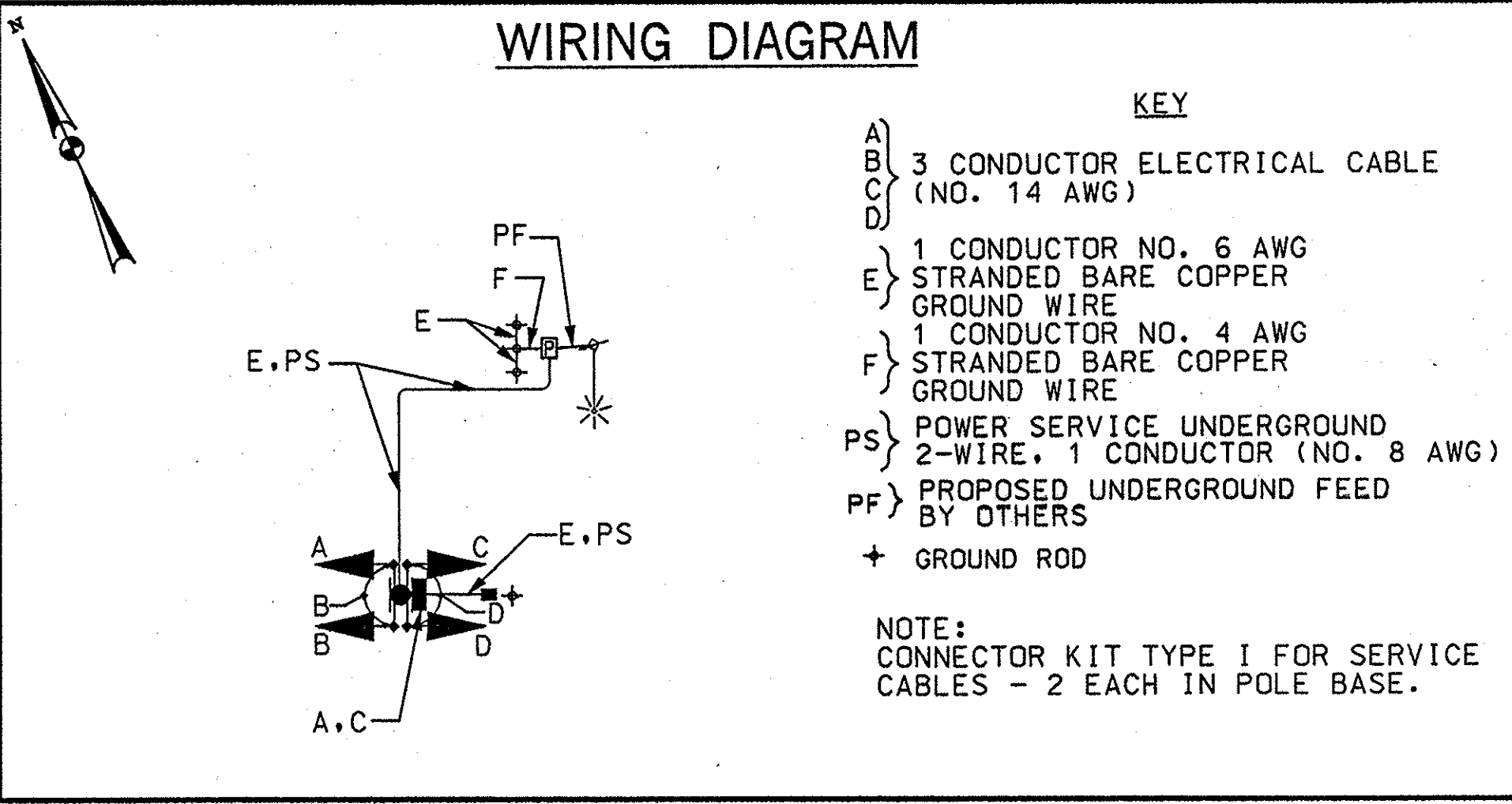
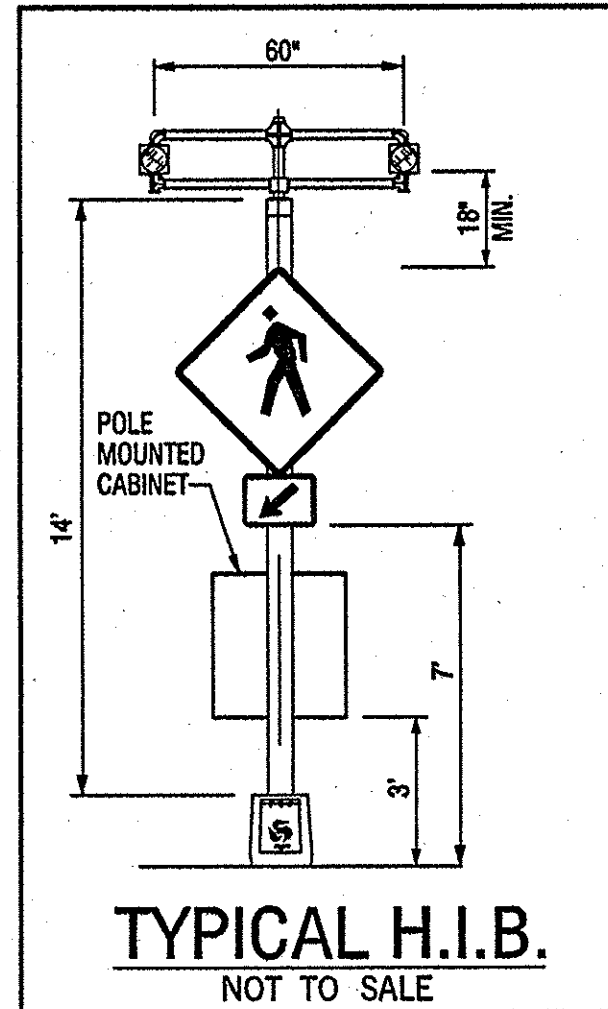
SPECIAL NOTES  
1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:  
PROJECT CONTACTS:  
MR. RANDAL SCOTT, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (410) 321-2841  
MR. DANIAL WITT, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (410) 321-2821  
MR. STEVE MARCISZEWSKI, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (410) 321-2761  
MS. SUENETTE POPE, UTILITY ENGINEER  
PHONE: (410) 321-2841  
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR FOLLOWING MSHA STANDARD PLATES FOR TRAFFIC CONTROL.

| EQUIPMENT LIST                                                   |                                                                                                             |                |              |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------|--------------|
| A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.               |                                                                                                             |                |              |
| CATEGORY CODE NO.                                                | DESCRIPTION                                                                                                 | UNITS          | QUANTITY     |
| 900000                                                           | SHEET ALUMINUM POLE MOUNTED SIGNS CONSISTING OF:<br>W11-2(36"x36") POLE MOUNT<br>W16-7P(24"x12") POLE MOUNT | SF<br>EA<br>EA | 13<br>2<br>2 |
| 971040                                                           | TWO CIRCUIT FLASHER AND CABINET - POLE MOUNT                                                                | EA             | 1            |
| B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR. |                                                                                                             |                |              |
| CATEGORY CODE NO.                                                | DESCRIPTION                                                                                                 | UNITS          | QUANTITY     |
| 203030                                                           | TEST PIT EXCAVATION                                                                                         | CY             | 1            |
| 801004                                                           | CONCRETE FOR SIGNAL FOUNDATION                                                                              | CY             | 1            |
| 802501                                                           | No. 6 AWG STRANDED BARE COPPER GROUND WIRE                                                                  | LF             | 355          |
| 602502                                                           | No. 4 AWG STRANDED BARE COPPER GROUND WIRE                                                                  | LF             | 10           |
| 805125                                                           | 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED                                                              | LF             | 15           |
| 805140                                                           | 4 IN. SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED                                                              | LF             | 10           |
| 805145                                                           | 2 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED                                                               | LF             | 60           |
| 807202                                                           | METER SERVICE PEDESTAL                                                                                      | EA             | 1            |
| 810022                                                           | CABLE - 1 CONDUCTOR, No. 8 AWG-THHN/THWN                                                                    | LF             | 165          |
| 811001                                                           | F&I ELECTRICAL HANDHOLE                                                                                     | EA             | 1            |
| 813015                                                           | INSTALL OVERHEAD SIGN                                                                                       | SF             | 13           |
| 818010                                                           | 14 FOOT BREAKAWAY PEDESTAL POLE                                                                             | EA             | 1            |
| 821003                                                           | BREAKAWAY BASE SUPPORT FOR SIGNAL STRUCTURES                                                                | EA             | 1            |
| 834001                                                           | CONNECTOR KIT TYPE I                                                                                        | EA             | 2            |
| 837001                                                           | GROUND ROD - 3/4 IN. DIAMETER X 10 FT. LENGTH                                                               | EA             | 4            |
| 860284                                                           | 12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION                                                           | EA             | 4            |
| 861106                                                           | ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG)                                                                 | LF             | 70           |
| 871040                                                           | INSTALL TWO CIRCUIT FLASHER AND CABINET - POLE MOUNT                                                        | EA             | 1            |



- CONSTRUCTION DETAILS**
- INSTALL CONCRETE FOUNDATION WITH 14 FT. STEEL PEDESTAL POLE WITH BREAKAWAY BASE, POLE MOUNTED SIZE "G" CABINET, TRAFFIC SIGNAL HEADS AND SIGNS. (NOTE: TWO 2 IN. PVC SCHEDULE 80 CONDUIT BENDS).
  - INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT FOR ELECTRICAL SERVICE - TRENCHED. STUB OUT CONDUIT BEND AT BASE OF UTILITY POLE.
  - INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED,
  - INSTALL HANDHOLE.
  - INSTALL 100 AMP METER SERVICE PEDESTAL.
  - PRIOR TO THE INSTALLATION OF THE CONCRETE MEDIAN AND AFTER THE CLASS II EXCAVATION THE CONTRACTOR SHALL INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.



- GENERAL NOTES**
- THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE LOCATIONS PRIOR TO INSTALLATION.
  - THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
  - ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL EQUIPMENT.
  - FOR INSTALLATION OF ADA RAMPS, CROSSWALK STRIPING AND CONCRETE MEDIAN ISLANDS REFER TO PLAN SHEETS PS01 THROUGH PS04 OF THE CONTRACT DOCUMENTS.

| GEOMETRIC LEGEND |                        |
|------------------|------------------------|
| ---              | EXISTING               |
| ---              | PROPOSED               |
| UTILITY LEGEND   |                        |
| ---              | SD --- STORM DRAIN     |
| ---              | G --- GAS MAIN         |
| ---              | W --- WATER MAIN       |
| ---              | SAN --- SEWER MAIN     |
| ---              | E --- ELECTRIC CABLES  |
| ---              | A --- AERIAL CABLES    |
| ---              | T --- TELEPHONE CABLES |
| ---              | FO --- FIBER-OPTIC     |

**SABRA, WANG & ASSOCIATES, INC.**  
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BALTIMORE, MD 21227  
(410) 737-6564  
WWW.SABRA-WANG.COM

| APPROVALS                              | REVISIONS | TRAFFIC CONTROL DEVICE                      |
|----------------------------------------|-----------|---------------------------------------------|
| TEAM LEADER<br><i>[Signature]</i>      |           | SCALE NONE DATE 5/05 CONTRACT NO. BA4845176 |
| ASST. DIV. CHIEF<br><i>[Signature]</i> |           | DESIGNED BY S. SMITH COUNTY BALTIMORE       |
| DIVISION CHIEF<br><i>[Signature]</i>   |           | DRAWN BY S. SMITH LOGMILE 03026010.30       |
| OFFICE DIRECTOR<br><i>[Signature]</i>  |           | CHECKED BY S. RENZI T.I.M.S. NO. 6503       |
|                                        |           | F.A.P. NO. N/A TOD NO. N/A                  |
|                                        |           | DRAWING NO. TS-4399 SHEET NO. OF            |